I	t	l	I	ı	I	ı	I	- Number
٢	N	H	ω	N	ω	5 4	161	145
0051720.pn.	200051720.did.	0051720.did.	9964160.did.	9822811.did.	-5811062-\$.DID. OR US-5833926-\$.DID. OR US-5842787-\$ -5843385-\$.DID. OR US-5863801-\$.DID. 15576.did.	3431077-\$.DID. OR US-3536452-\$.DID. OR US-4099923-\$.DID. 4705669-\$.DID. OR US-4869282-\$.DID. OR US-4996387-\$.DID. 5089232-\$.DID. OR US-5252294-\$.DID. OR US-5304354-\$.DID. 5324483-\$.DID. OR US-5417938-\$.DID. OR US-5534328-\$.DID. 5580523-\$.DID. OR US-5589136-\$.DID. OR US-5593642-\$.DID. 5595712-\$.DID. OR US-568331-\$.DID. OR US-5611214-\$.DID. 5639423-\$.DID. OR US-568537-\$.DID. OR US-5610763-\$.DID. 5639423-\$.DID. OR US-568537-\$.DID. OR US-560763-\$.DID.	(bergh or guan).in. and catalyst	Search Text (senkan or atkins).in. and catalyst
USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	IBM TDB USPAT; US-PGPUB; EPO: IPO:	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	DB USPAT; US-PGPUB; EPO; JPO;
2004/04/05 14:52	2004/04/05 14:52	2004/04/05 14:52	2004/04/05 14:52	2004/04/05 14:44	2004/04/05 14:43	2004/04/05 14:38	2004/04/05 13:52	Time stamp 2004/04/05 13:40

2004/04/05 16:11	USPAT	. ⊸	2	1
2004/04/05 16:10	USPAT	("4702073" "5468643" "5482862" "5516423" "5580523" "5690763" "6036355" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "603635" "60365" "6	œ	ı
	TEM TOB			
	EPO; JPO;			
	US-PGPUB;	on adj cavity)) same (flow adj rate)		
2004/04/06 10:53	USPAT;	(\mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) same (reactor or	83	ı
	TEXMENT:		-	
	EPO; JPO;			
	US-PGPUB;			
2004/04/05 16:30	USPAT;	flow adj restrictor	8186	 I
	IBM TDB			
	ERC; CRC;			
	4-S			
2004/04/05 16:05	USPĀT;	(moring or bodner).in. and 422/\$.ccls.	11	1
	IBM TDB			
	DERWENT:			
	TBO: TBO:			
2004/04/05 16:05	USPAT;	(moring or bodner).in.	296	ı
	IBM_TDB			
	DERWENT;			
	F.PO: JPO:	(דפמרנדטוו ממן נמידנץ) / מווט (דוטא מטן דמרפ)		
2004/04/05 16:32	USPAT;	r stir\$4 or agitat\$3) near	1392	ı
	IBM TDB			
	DERWENT:			
	US-PGPUB;			
2004/04/05 15:59	USPĀT;	(mix\$3 or stir\$4 or agitat\$3) and reactor and (flow adj rate)	34636	1
	DERWENT;			
	EPO; JPO;		***************************************	
	US-PGPUB;	(300/07).CCH0.	H 0	
2004/04/05 15:18	USPAT.	6149882.URPN.	187	1 1
	; ; ; ;	"5710381" "5753185" "5922286").E		
		6246665" "5304354" "5324483" "5340475" "		
2004/04/05 15:17	USPAT	"3760831" "4099923"	 	I
	DERWENT;			
	EPO; JPO;			
2004/04/05 IS:03	US-PGPUB;	ברכטר. FII.	ũ	
	TEM TOE		J	-
	DERWENT;			
	EPO; JPO;			
· · · · · · · · · · · · · · · · · · ·	US-PGPUB;			
2004/04/05 14:52	USPAT:	200051720.pn.	,	!

Ì

I	l	I	l	1	ľ	ı	1 1 1	1 1
2912	314	385	652	133	12	296	1033 16 768	3 2 8
(mixer) and (reactors or (reaction adj cavities)) same (feed\$3 or inlet or fed) same (exit or output or outlet or drain\$3 or expel\$3 or expulsion)	j (chamber or cavit\$3 or chambers)) and ((reactors of avities)) same (feed\$3 or inlet or fed) same (exit of spel\$3 or expulsion))) actors or (reaction adj cavities)) same (feed\$3 or expulsion)	(((mix\$3 or stir\$4 or agitat\$3) adj (chamber or cavit\$3 or chambers)) and ((reactors or (reaction adj cavities)) same (feed\$3 or inlet or fed) same (exit or outlet or drain\$3 or expel\$3 or expulsion))) not ((mix\$3 or stir\$4	((mix\$3 or stir\$4 or agitat\$3) adj (chamber or cavit\$3 or chambers)) and ((reactors or (reaction adj cavities)) same (feed\$3 or inlet or fed) same (exit or outlet or drain\$3 or expel\$3 or expulsion))	(mixer) and (reactors or (reaction adj cavities)) same (feed\$3 or inlet or fed) same (exit or output or drain\$3 or expel\$3 or expulsion)	nokihara.in. and (422/\$ or 436/\$).ccls.	((mix\$3 or stir\$4 or agitat\$3) adj (chamber or cavit\$3 or chambers)) and ((reactors or (reaction adj cavities)) same (feed\$3 or inlet or fed) same (exit or output or drain\$3 or expel\$3 or expulsion))	flow adj restrictor (flow adj restrictor) and 422/\$.ccls. (mix\$3) adj (chamber or cavity)) and (reactors or (reaction adj cavities)) and (feed\$3 or inlet) and (output or drain\$3 or expel\$3 or expulsion)	((mix\$3 or Stir\$4 or agitat\$3) near (chamber or cavity)) same (reactor or (reaction adj cavity)) same (flow adj rate) (flow adj restrictor) and 422/\$.ccls.
DERVENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;	DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB;	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	OS-PGPOB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPOB;	DERWENT; IBM_TDB USPAT;	DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	EPO; JPO; DERWENT; IBM TDB USOCR USOCR USOCR USPAT; US-PGPUB;	USOCR USPAT;
2004/04/05 17:	2004/04/05 17:19	2004/04/05 16	2004/04/05 16	2004/04/05 1	2004/04/05 1	2004/04/05 16	2004/04/05 16:30 2004/04/05 16:30 2004/04/05 16:30	2004/04/05 1

l	ı		I	1 1 1	t	I	I		ı	ı
70	182	0	0	28 4 0	88 80	<u>ი</u>	19	N 60	26	952
(((mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) or mixer) same (reactor or (reaction adj cavity)) same ((flow adj control\$3) or (flow adj restrict\$3) or ((pipe or conduit or channel) adj constrict\$3))	(((mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) or mixer) same (reactor or (reaction adj cavity)) same ((flow adj control\$3) or (flow adj restrict\$3) or ((pipe or conduit or channel) adj constrict\$3))	auth\$.in. and 422/\$.ccls. and catalyst.ti. and load\$3	aut.in. and 422/\$.ccls. and catalyst.ti. and load\$3	("2753246" "3414382" "3864083" "3969081").PN. 4099923.URPN. authenrieth.in. and 422/\$.ccls.	zanzucchi.in.	and ((mixer) same (reactors or (reaction adj cavities)) same ((feed\$3 or inlet or fed) near line) same ((exit or output or outlet or drain\$3 or expel\$3 or expulsion) near line)	((mixer) and (reactors or (reaction adj cavities))) same ((feed\$3 or inlet or fed) near line) same ((exit or output or outlet or drain\$3 or expel\$3 or expulsion) near line)	(mixer) same (reactors or (reaction adj cavities)) same ((feed\$3 or inlet or fed) near line) same ((exit or output or outlet or drain\$3 or expel\$3 or expulsion) near line)	(mixer) same (reactors or (reaction adj cavities)) same (feed\$3 or inlet or fed) same (exit or output or outlet or drain\$3 or expel\$3 or expulsion)
 USOCR	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	TEM TUB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT;	USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USOCR	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT;	USPAT; US-PGPUB; EPO; JPO; DERWENT;
2004/04/06 11:09	2004/04/06 11:05	2004/04/06 10:13	2004/04/06 11:24	2004/04/05 17:38 2004/04/05 17:39 2004/04/06 10:10	2004/04/06 10:10	2004/04/05 17:26	2004/04/05 17:22	2004/04/05 17:22	2004/04/05 17:24	2004/04/05 17:20

Search History 4/9/04 6:57:51 PM C:\APPS\east\workspaces\09-801389.wsp

ı	1	l,	1	1	I	l	I	1	t
ത	. 12 .	⊢	335	ω	18	229	2	57	55
(("5204270") or ("5285071") or ("6254828")).PN.	422/\$.ccls. and autenrieth.in.	(422/\$.ccls. and catalyst.ti. and load\$3) and autenrieth.in.	422/\$.ccls. and catalyst.ti. and load\$3	or channel) adj constrict\$3)) 939060.pn.		(((mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) or mixer) and ((multipl\$7 or pluralit\$3) adj (reactor or (reaction adj cavity) or tube or bed)) and ((flow adj control\$3) or (flow adj restrict\$3) or ((pipe or conduit or channel) adj constrict\$3))	3 or 51\$7 ame	(((mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) or mixer) same (multipl\$7 or pluralit\$3 adj (reactor or (reaction adj cavity) or tube or bed)) same ((flow adj control\$3) or (flow adj restrict\$3) or ((pipe or conduit or channel) adj constrict\$3))	(((mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) or mixer) same (multipl\$7 or pluralit&3 adj (reactor or (reaction adj cavity) or tube or bed)) same ((flow adj control\$3) or (flow adj restrict\$3) or ((pipe or conduit or channel) adj constrict\$3))
IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;	USOCR	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	IBM TUB USPAT; US-PGPUB; EPO; JPO; DERWENT;	USPAT; US-PGPUB; EPO; JPO; DERWENT;
2004/04/06 11:28	2004/04/06 11:26	2004/04/06 11:25	2004/04/06 11:26	2004/04/06 11:24	2004/04/06 11:23	2004/04/07 08:19	2004/04/06 11:12	2004/04/06 11:11	2004/04/06 11:11

ı		1	1 1	I	1 1 1	ı	i I	1	l	l	•
ω	509	20	0 107	17	7 15 5	10	2 12	7	42	0	42
(((mix\$3 or stir\$4 or agitat\$3) near2 (chamber or cavity)) or mixer) same ((multipl\$7 or pluralit\$3) adj (reactor or (reaction adj cavity) or tube or bed)) same ((flow near2 (restrict\$3 or control\$4)) or ((pipe or conduit or channel) near2 constrict\$3 or (pressure near2 restrict\$3)))	$\alpha \sim \tau$	(((mix\$3 or stir\$4 or agitat\$3) near (chamber or cavity)) or mixer) and ((multipl\$7 or pluralit\$3) adj (reactor or (reaction adj cavity) or tube or bed)) and (pressure adj reduc\$4)	PN. r stir\$4 or agitat\$3) near (chamber on stir\$4 or agitat\$3) near (chamber on or or or or or or or (reactor or o	("4192798" "4353989" "4362699" "4373071" "4458066" "4500707" "4517338" "4689405" "4698208" "4746490" "5047524" "5223435" "5241998" "5252296" "5262530" "5298259" "5869643").PN.	N. N.) or ("6260407") or ("6265	" "3692701" "3719721" "3770812" "3887495" " "4108913" "4309275" "4334116").PN.	09.URPN. 9284" "3725493"	("5160542" "5451258" "5460654" "5470390" "5496408" "5690743" "5730804") PN	carnahan-james\$.in.	("2001682025").PN.	("2003012700").PN.
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; TRM TDB	IBM_TDB USOCR	USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT;	DERWENT; IBM_TDB USPAT	USPAT USPAT; USPAT; US-PGPUB;	USPAT	USPAT USPAT	IBM_TDB USPAT	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;
2004/04/07 08:23	2004/04/07 09:48	2004/04/06 14:19	2004/04/06 12:23 2004/04/06 14:18	2004/04/06 12:13	2004/04/06 12:03 2004/04/06 12:04 2004/04/06 12:11	2004/04/06 12:03	2004/04/06 11:35 2004/04/06 12:01	2004/04/06 11:35	2004/04/06 11:31	2004/04/06 11:29	2004/04/06 11:31

Page 7

		1 1 1	'	ı	ı	ľ	ı	ı
N	5 3 71	4 14	427	00	22 1	71	708	71
bed)) and ((flow adj (restrict\$3 or control\$4)) or ((pipe or conduit or channel) near2 constrict\$3 or (pressure adj reduc\$3))) ramirez\$-javier.in.	"3897935").PN. PN. PN. PN. r stir\$4 or agitat\$3) adj (chamber or cavity)) or mixer) and	4209 4209 2621 6551	near2 constrict\$3 or (pressure near2 restrict\$3))) (((mix\$3 or stir\$4 or agitat\$3) adj (chamber or cavity)) or mixer) and (((multipl\$7 or pluralit\$3) adj2 (reactor or (reaction adj cavity) or tube or bed)) and ((flow adj (restrict\$3 or control\$4)) or ((pipe or conduit or channel) near2 constrict\$3 or (pressure adj reduc\$3)))	((((mix\$3 or stir\$4 or agitat\$3) near2 (chamber or cavity)) or mixer) same ((multipl\$7 or pluralit\$3) near2 (reactor or (reaction near2 cavity) or tube or bed)) same ((flow near2 (restrict\$3 or control\$4)) or ((pipe or conduit or channel) near2 constrict\$3 or (pressure near2 reduc\$3)))) not (((mix\$3 or stir\$4 or agitat\$3) near2 (chamber or cavity) or mixer) same ((multipl\$7 or pluralit\$3) near2 (reaction near2 cavity) or tube or bed)) same	(multiplay or plurality) nearz (reactor or (reaction nearz cavity) or tube or bed)) same ((flow nearz (restrict\$3 or control\$4)) or ((pipe or conduit or channel) nearz constrict\$3 or (pressure nearz resduc\$3))) (((mix\$3 or stir\$4 or agitat\$3) nearz (chamber or cavity)) or mixer) same ((multipl\$7 or pluralit\$3) nearz (reactor or (reaction nearz cavity) or tube or bed)) same ((flow nearz (restrict\$3 or control\$4)) or ((pipe or conduit or channel) nearz constrict\$3 or (pressure nearz reduc\$3)))	or condut	((multipl\$7 or pluralit\$3) near2 (reactor or (reaction near2 cavity) or tube or bed)) same ((flow near2 (restrict\$3 or control\$4)) or ((pipe or conduit or channel) near2 constrict\$3 or (pressure near2 restrict\$3))) (((mix\$3 or stir\$4 or agitat\$3) adj (chamber or cavity)) or mixer) and ((multipl\$7 or pluralit\$3) adj2 (reactor or (reaction adj cavity) or tube or cavity)) or mixer)	ctor or (reaction near2 cavity) 3 or control\$4)) or ((pipe or c re near2 restrict\$3))) (chamber or cavity)) or mixer)
USPAT; US-PGPUB; EPO; JPO; DERWENT;	USPAT USPAT USOCR	IBM TDB USPĀT USPAT USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT;	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	DERWENT; IBM_TDB USOCR	USPAT; US-PGPUB;	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USOCR
2004/04/07 09:4	2004/04/07 09:15 2004/04/07 09:17 2004/04/07 09:35	2004/04/07 09:08 2004/04/07 09:11 2004/04/07 09:11	2004/04/07 09:	2004/04/07 08:3	2004/04/07 08:35	2004/04/07 08:34	2004/04/07 08:3	2004/04/07 08:34

				1					•	L Number
				1					144	Hits
				pfost.in. and microfluidic					kopf-sill.in. and microfluidic	Search Text
IBM TDB	DERWENT;	EPO; JPO;	US-PGPUB;	USPAT;	IBM_TDB	DERWENT;	EPO; JPO;	US-PGPUB;	USPAT;	DB
				2004/04/09 17:55					2004/04/09 16:39	Time stamp